MAT-8725US

Application No.:

10/552,396

Amendment Dated: September 2, 2011

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

(Currently Amended) An aging method for performing an aging of a 1. plasma display panel using an aging device including an air blowing means for cooling a plasma display panel, the method comprising:

positioning the air blowing means above a front-face surface of the plasma display panel to directing air to the front-face surface plasma display panel in a direction at least one direction away from parallel relative to the front facea display surface of the plasma display panel; and

cooling the plasma display panel during the aging while changing at least one of the direction or amount of air blown from the air blowing means with time,

wherein at least a portion of the air blowing means is disposed within an area defined by the perimeter of the plasma display panelapplying voltage to the plasma display panel to cause aging electric discharge while the air is directed to the plasma display panel; and

periodically changing at least one of

- a) a rate at which air is directed across a location on said plasma display panel; and
- b) a further rate at which air is directed from a fixed location to said location on said plasma display panel,

while said voltage is applied to the plasma display panel to cause aging electric discharge.

(Currently Amended) The aging method of a plasma display panel 2. according to claim 1, wherein the air is directed towards the plasma display panel by Application No.:

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blowing means includes a plurality of air blowing devices, and an air blowing amount of at least one of the plurality of air blowing devices is changed.

- 3. (Currently Amended) The aging method of a plasma display panel according to claim 1, wherein the air blowing means includes a plurality of air blowing devices and an air blowing direction changeable means provided between the plurality of air blowing devices and the plasma display panel so that, during the aging, the air blowing direction changeable means changes directions as it is blown towards the plasma display panel of air blown from the plurality of air blowing devices.
- 4. (Currently Amended) The aging method of a plasma display panel according to claim 1claim 2, wherein the air blowing means includes a plurality of air blowing devices so that, during the aging, at least one of the plurality of air blowing devices is moved.
- 5. (Currently Amended) The aging method of a plasma display panel according to claim 1 claim 2, wherein the air blowing means includes a plurality of air blowing devices so that, during the aging, at least one of the plurality of air blowing devices changes in a direction.
- 6. (Currently Amended) An aging device of a plasma display panel, comprising:

an air blowing means for cooling a plasma display panel and an aging power source for applying a predetermined voltage<u>directing air</u> to the plasma display panel to cause an aging electric discharge, the air blowing means being positioned above a front-face surface of the plasma display panel to direct air to the front-face surface in a <u>in at least one</u> direction away from parallel relative to the front-face a display surface of the plasma display panel,

wherein the air blowing means <u>periodically changes at least one of is a means</u> for changing, during an aging, at least one of an air blowing direction or an air blowing amount with time while cooling the plasma display panel, and

at least a portion of the air blowing means is disposed within an area defined by the perimeter of the plasma display panel

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a) a rate at which air is directed across a location on said plasma display panel; and

b) a further rate at which air is directed from a fixed location to said location on said plasma display panel,

a voltage source for applying voltage to the plasma display panel while the rate or the further rate is periodically changing in order to cause aging electric discharge.

7. (Currently Amended) The aging device of a plasma display panel according to claim 6, wherein the air blowing means includes a plurality of air blowing devices, and

the air blowing means is a means for changing, during the aging, the air blowing amount of at least one of the plurality of air blowing devices.

8. (Currently Amended) The aging device of a plasma display panel according to claim 5, wherein the air blowing means includes a plurality of air blowing devices and an air blowing direction changeable means provided between the plurality of air blowing devices and the plasma display panel, and

the air blowing means is a means for using, during the aging, the air blowing direction changeable means to change the direction of air blown from the plurality of air blowing devices changes.

9. (Currently Amended) The aging device of a plasma display panel according to claim 6claim 7, wherein the air blowing means includes a plurality of air blowing devices, and

the air blowing means is a means for moving, during the aging, at least one of the plurality of air blowing devices is moved.

10. (Currently Amended) The aging device of a plasma display panel according to claim 6claim 7, wherein the air blowing means includes a plurality of air blowing devices, and

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the air blowing means is a means for changing, during the aging, the direction of at least one of the plurality of air blowing devices changes direction.

- 11. (Currently Amended) The aging method of a plasma display panel according to claim 1, wherein the cooling during cooling of the plasma display panel, during the aging includes changing the direction of air is blown from the air blowing means from a first direction to direction and is then changed to be blown from at least a second direction.
- 12. (Currently Amended) The aging method of a plasma display panel according to claim 1, wherein the cooling during cooling of the plasma display panel, during the aging includes changing the amount of air is blown from the air blowing means by in at least one additional amount two different amounts.
- 13. (Currently Amended) The aging device of a plasma display panel according to claim 6, wherein the air blowing means is configured to change the airan air blowing direction from a first direction to at least a second direction.
- 14. (Currently Amended) The aging device of a plasma display panel according to claim 6, wherein the air blowing means is configured to change the airan air blowing amount by at least one additional amount.
 - 15.-16. Cancelled.